

Work Order ID 95469

January-17-13 3:39:36 PM

95469

Page 1

Item ID: D4500-2

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Bell Door Header. RH

Start Date: 1/09/13 Start Qty: 2.00 *2*

Cust Item ID:

Required Date: 1/25/13 Req'd Qty: 2.00 *2*

Customer:

Reference:

Approvals: Process Plan: MLS Date: 13-01-18 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr								
D4500	REV <u>SD</u> <u>4/13-01-18</u>								

100		0.00							
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100

Bandsaw

Memo

0.00

PD 13/01/31

1 ⁺² 0

Jeaspa Bandsaw

CUT BLANK 25.00" LONG

13.01.22

110		0.00							
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110

Purchasing

Memo

0.00

CL 13/02/04 (2)

Purchasing

ISSUE P/O: 19016
TO WEJAY
C OF C IS REQUIRED

CR

4 3/3/25 (2)

120	QC6- Inspect dimensions to drawing	0.00							
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120

QC

Memo

0.00

SHD
13 25

2

Quality Control

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Work Order ID 95469

January-17-13 3:39:36 PM

95469

Page 2

Item ID: D4500-2

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Bell Door Header, RH

Start Date: 1/09/13 Start Qty: 2.00

2

Cust Item ID:

Required Date: 1/25/13 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* HandFinish Hand Finishing	Chemical Conversion Coat per QSI005 4.1 Memo	0.00 0.00				2	26	13-3-25	
140 *140* QC Quality Control	QC7-inspect Chemical Conversion Coat Memo	0.00 0.00				2			
150 *150* SprayPaint Spray Painting	Spray Painting per QSI005 4.2 Memo PRIME TEMPO GREY B# 117319	0.00 0.00				2	0	0	5.8/12 13-3-27

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

Work Order ID 95469

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95469

Page 3

Item ID: D4500-2

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Bell Door Header, RH

Start Date: 1/09/13 Start Qty: 2.00

2

Cust Item ID:

Required Date: 1/25/13 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC14- Inspect Spray Paint	0.00							
160									
QC	Memo	0.00				2			DAS 05 2-89 B0403
Quality Control									
200	Identify as per dwg & Stock Location: _____	0.00							
200									
Packaging	Memo	0.00							
Packaging									
210	QC21- Final Inspection - Work Order Release	0.00							
210									
QC	Memo	0.00							
Quality Control									

1/43/4/4 (2)

13/4/4

B-04-4

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
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<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
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<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
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		<input type="checkbox"/> Part Incorrect
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		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Picklist Print

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Page 1

Work Order ID: 95469

95469

Parent Item: D4500-2

D4500-2

Parent Item Name: Bell Door Header, RH

Start Date: 1/09/13

Required Date: 1/25/13

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 12-12-11 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4500-2P		Purchased	No				Each	0.0000		2			
D4500-2P									**		95469		
Bell Door Header, RH													
M6061T6B2.000X08.00		Purchased	No				f	3.2400		4.231579			
M6061T6B2 000X08 000									**				
6061-T6 BAR 2.00' X 8.00"													

Location

Loc Qty

Loc Code

MAT005

3.24

123089

3.24

→ 124443

2.09

4.18

13.01.22

13/01/31

90

D4500-2P
33
88

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

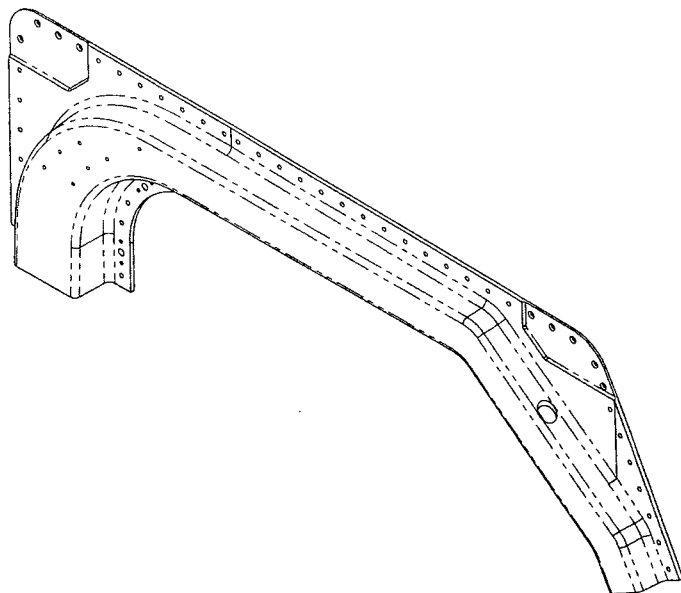
QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Skid-tube <input type="checkbox"/></td> <td style="width: 25%;">Crosstube <input type="checkbox"/></td> <td style="width: 25%;">Water Jet <input type="checkbox"/></td> <td style="width: 25%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

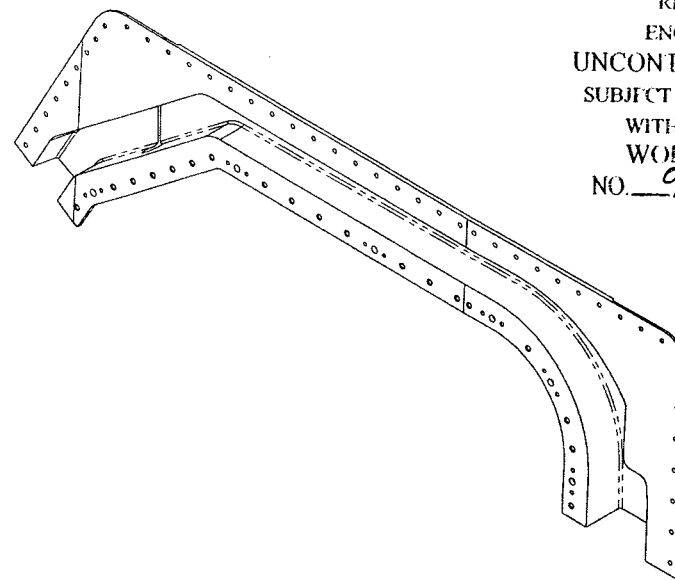
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		
<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		



D4500-1 BELL DOOR HEADER (LH)



SHED
REVISION
ENGINEER
UNCONTROLLED
SUBJECT TO
WITHOUT
WORK
NO. 95469 MLD
13-01-18

RELEASED
2013-01-18

NOTES:

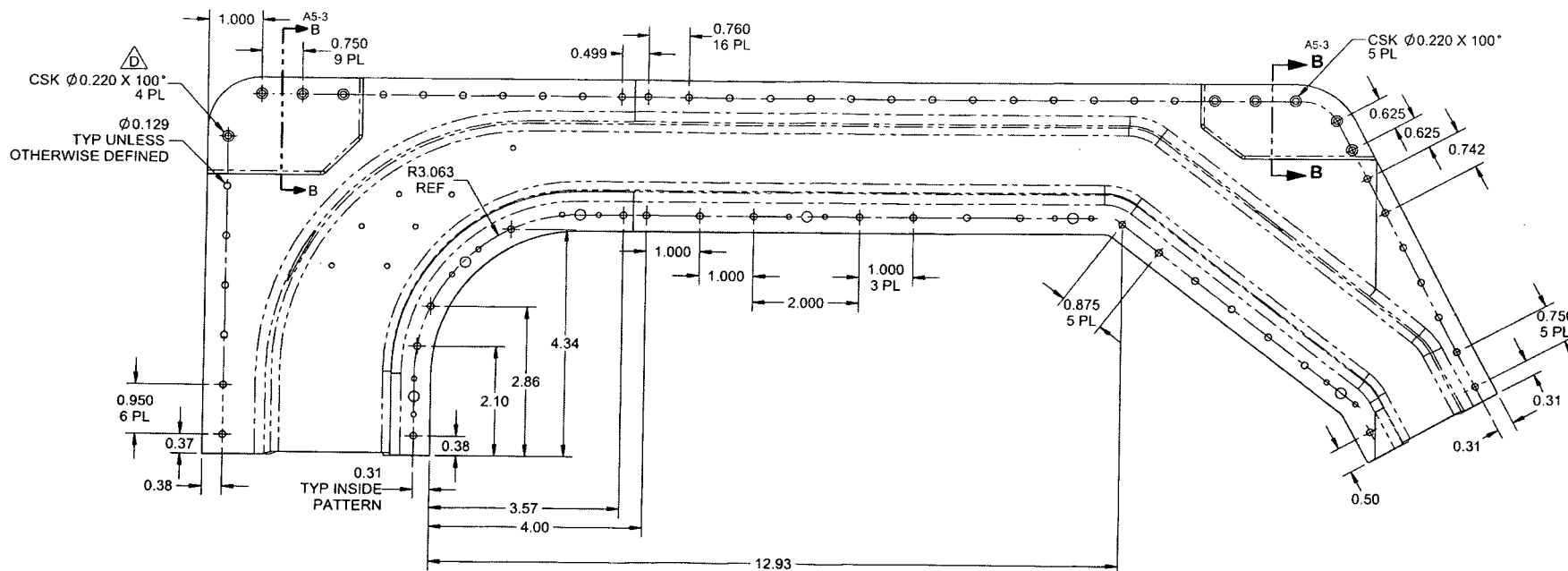
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8
(OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
PRIME TEMPO GREY (4.2.1.3.2) PER DART QSI 005 4.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.78 lbs
- 8) RAW MATERIAL SURFACE FINISH SUFFICIENT FOR THIS PART
(NOT NECESSARY TO FACE MATERIAL)
- 9) ALL NON DIMENSIONED FEATURES PER CAD FILE "D4500-1-REVD.STP"

D	SEE SHT 2 ZONE C6 POCKET ADDED TO AFT AREA OF FLANGE SIMILAR TO THE POCKET ON THE FWD AREA OF THE FLANGE. DONE TO FACILITATE OPERATION OF DOOR MECHANISM SAME POCKET ADDED TO -2 PART.	AJS	12.12.03
C	ADDED -2 (RH CONFIGURATION) BB-3.0.38 DIM TYP OUTSIDE PATTERN NOTE DELETED (DRAFTING ERROR) C4-4 Ø0.129 THRU WAS Ø0.225 (DRAFTING ERROR) CSK WAS 0.170. SEE DETAIL C Ø0.201 HOLE WAS Ø0.194 (EXPANDED FOR FLOATING NUTPLATE).	AJS	12.10.10
B	COMPLETE REDESIGN.	AJS	12.09.11
A	NEW ISSUE	AJS	12.03.02
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	AP	DRAWING NO.	REV. D
MFG. APPR.	AP	D4500	SHEET 1 OF 8
APPROVED	AP	TITLE	SCALE
DE APPR.	AP	BELL DOOR HEADER	NTS
DATE	12.12.03	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

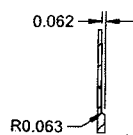
A

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>A.P.</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>[Signature]</i>	D4500	SHEET 2 OF 8
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	BELL DOOR HEADER	NTS
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SECTION A-A C1-2
THIS VIEW SHOWN FOR
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



(SUPPLEMENTAL VIEW)

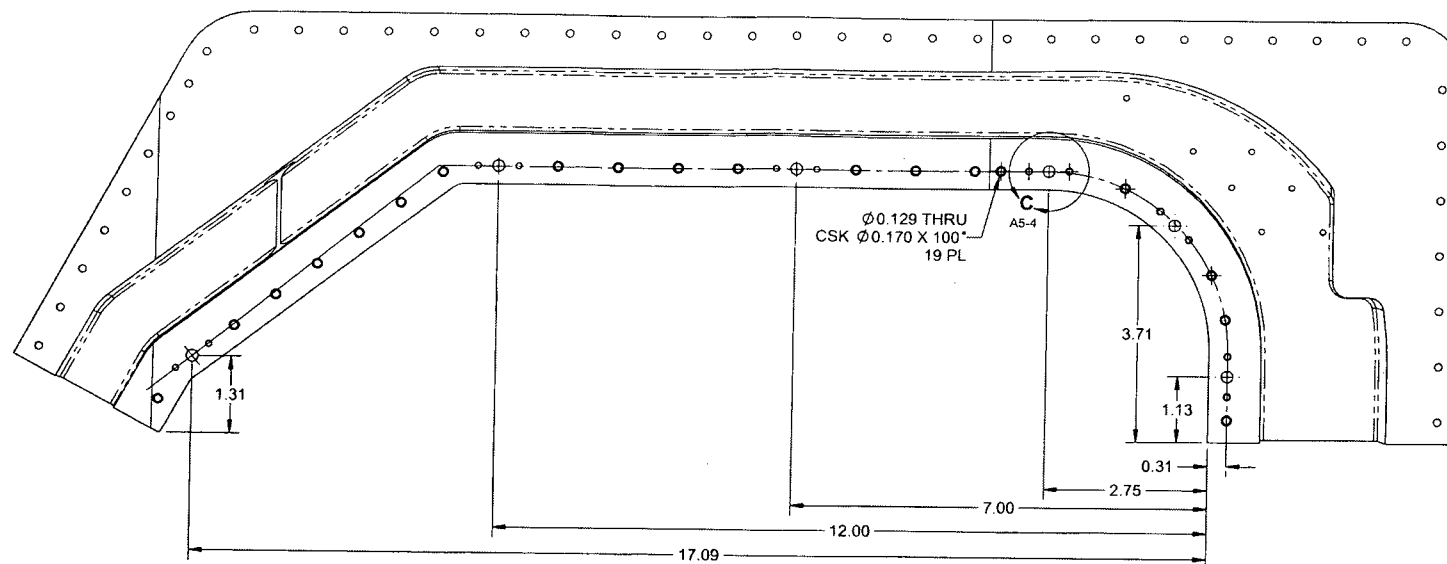


SECTION B-B C2-3
C7-3

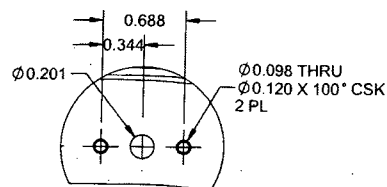
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2013-01-10

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D4500	SHEET 3 OF 4
APPROVED		TITLE	SCALE
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(SUPPLEMENTAL VIEW
NUTPLATE LOCATIONS)

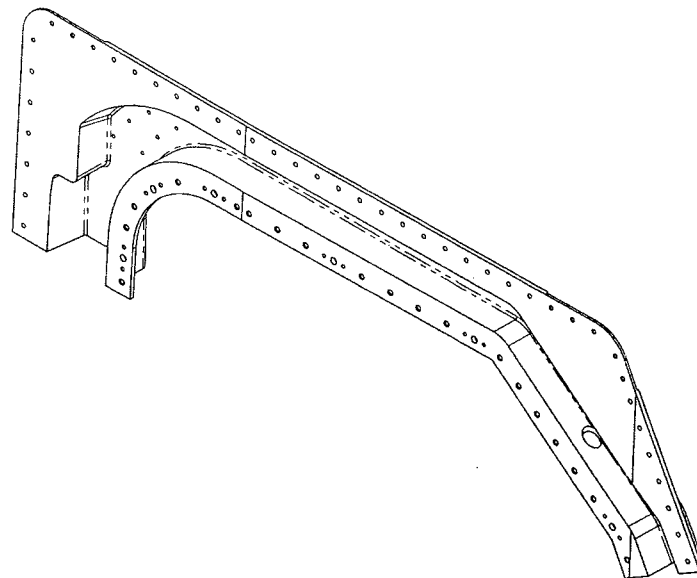
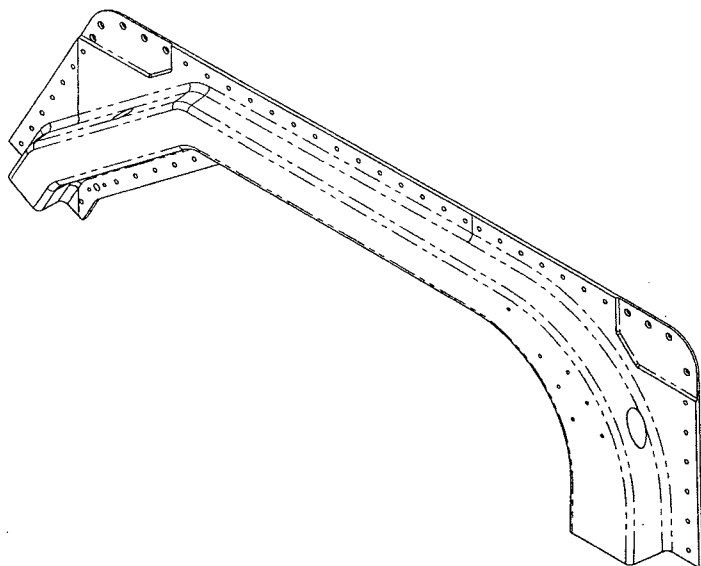


DETAIL C C3-4
NUTPLATE HOLE DETAIL 6 PL
SCALE 2X

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DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. D
MFG. APPR.		D4500	SHEET 4 OF 8
APPROVED		TITLE	SCALE
DE APPR.		BELL DOOR HEADER	NTS
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975-469



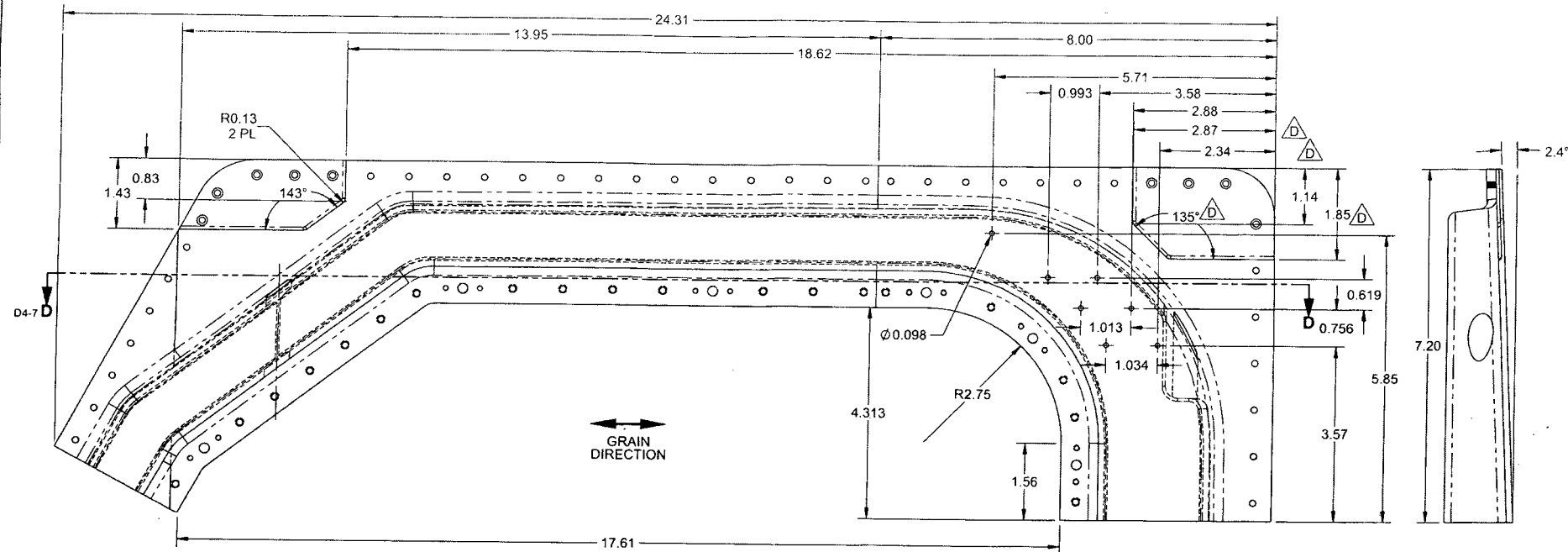
D4500-2 BELL DOOR HEADER (RH)

NOTES:

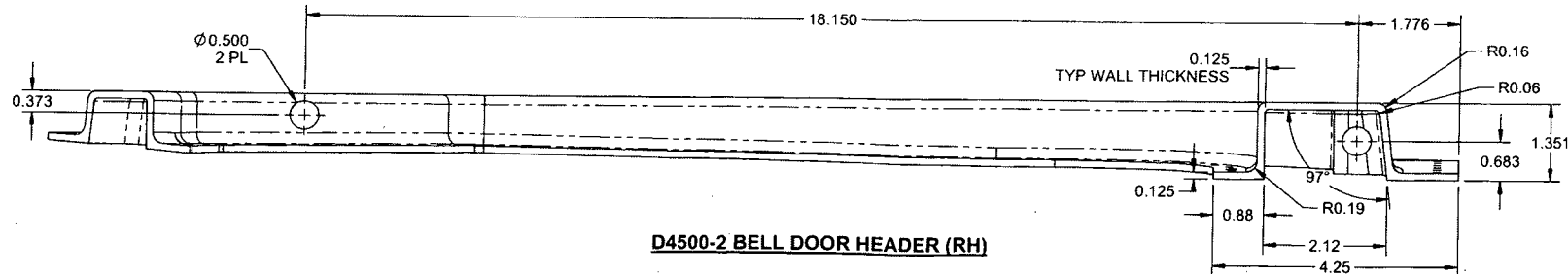
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8
(OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
PRIME TEMPO GREY (4.2.1.3.2) PER DART QSI 005 4.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.78 lbs
- 8) RAW MATERIAL SURFACE FINISH SUFFICIENT FOR THIS PART
(NOT NECESSARY TO FACE MATERIAL).
- 9) ALL NON DIMENSIONED FEATURES PER CAD FILE "D4500-2-REVD.STP"

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JND

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
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CHECKED	<i>[Signature]</i>	DRAWING NO. D4500	REV. D
MFG. APPR.	<i>[Signature]</i>	TITLE BELL DOOR HEADER	SHEET 5 OF 8
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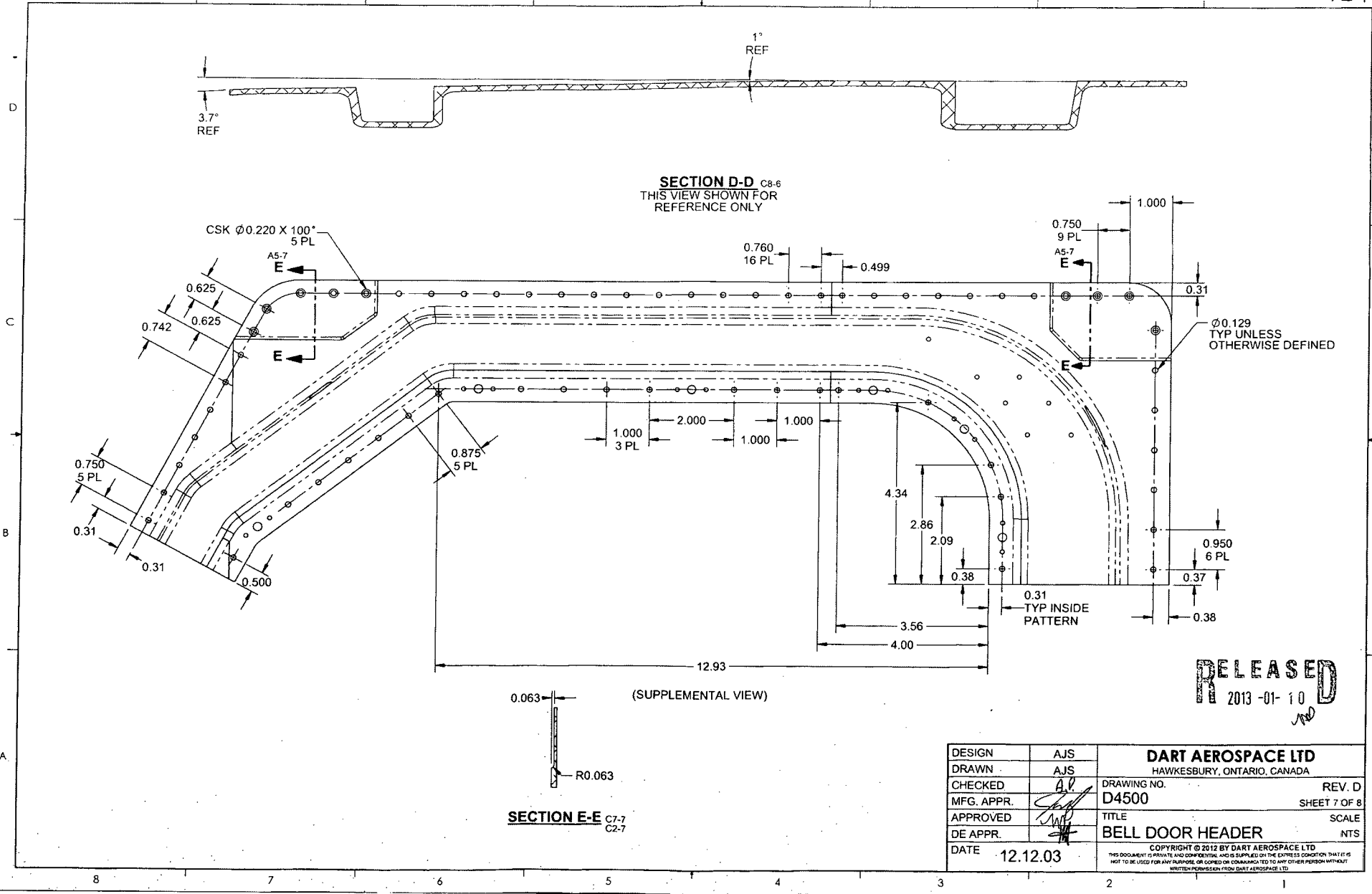
D4500-2 BELL DOOR HEADER (RH)



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MFG. APPR.	<i>AB</i>	D4500	SHEET 6 OF 6
APPROVED	<i>AB</i>	TITLE	SCALE
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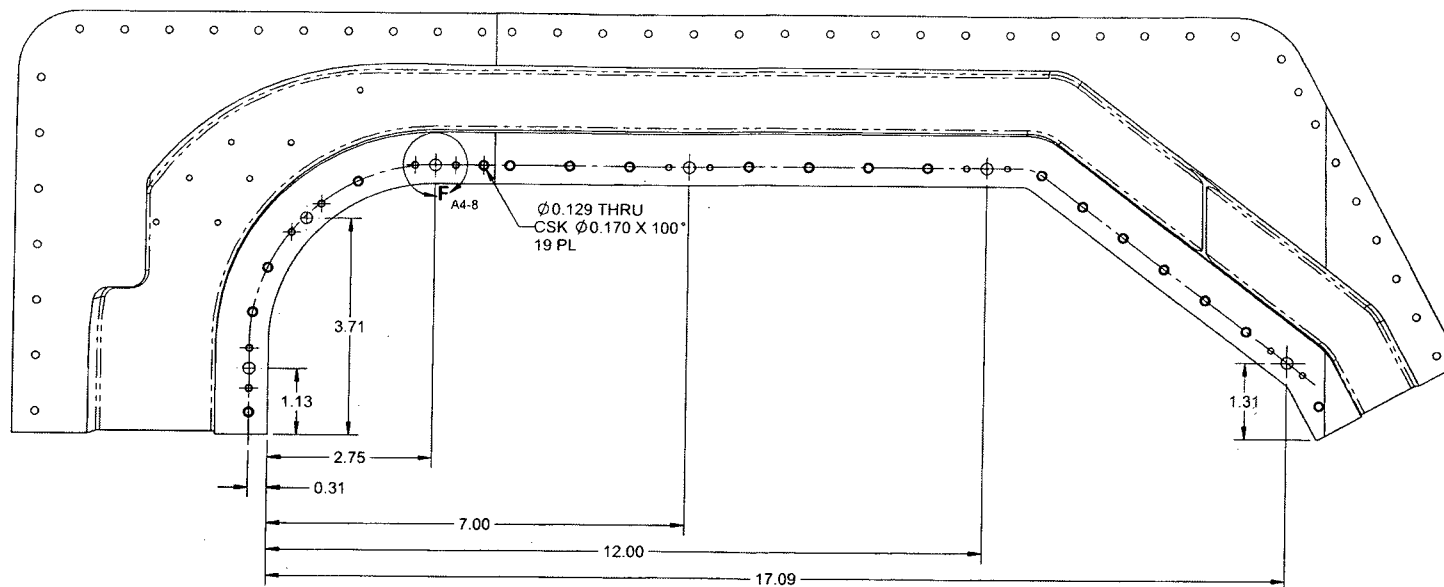
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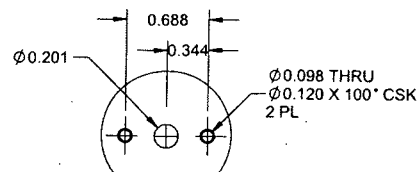
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MFG. APPR.	<i>[Signature]</i>	SHEET 7 OF 8	
APPROVED	<i>[Signature]</i>	TITLE BELL DOOR HEADER	SCALE NTS
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DATE	12.12.03		

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(SUPPLEMENTAL VIEW
NUTPLATE LOCATIONS)



DETAIL F C6-8
NUTPLATE HOLE DETAIL 6 PL
(SCALE 2X)

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CHECKED	AJS	DRAWING NO. D4500	REV. D
MFG. APPR.			SHEET 8 OF 8
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DE APPR.		BELL DOOR HEADER	NTS
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO19016

Purchase Order Date 2/04/13

PO Print Date 2/04/13

Page Number 1 of 1

Order From :

VC-WMP001

WEJAY MACHINE PRODUCTS CO. LTD
600 O'CONNOR DRIVE
KINGSTON, ONTARIO K7P 1N3
CANADA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

613-384-1662

613-384-2997

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
C2 13/02/04

Line Nbr

Reference

Revision ID

Vendor Part Number

**Description/
Mfg ID**

**Req Date/
Taxable**

**Req Qty/
Unit of Measure**

Ship Method

Unit Price

**Extended
Price**

D4500-2P

Bell Door Header, RH

2/15/13
Yes

2.00
Each

FedEx PI collect

\$1,028.5000

\$2,057.00

Special Note

MACHINE AS PER DWG D4500 REV. D
B95469

PO Total:

\$2,057.00

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

Change Nbr:

1

Change Date: 2/04/13

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO



600 O'CONNOR DRIVE, KINGSTON, ONTARIO K7P 1N3
TEL: 613-384-1662 FAX: 613-384-2997
www.wejay.com

S
H
I
P

T
O

Dart Aerospace
1270 Aberdeen Street
Hawkesbury ON R6A 1K

NO GOODS RETURNED WITHOUT
PRIOR AUTHORIZATION

RECEIVED BY _____
1.5% PER MONTH (18% PER ANNUM)
CHARGED ON OVERDUE ACCOUNTS



600 O'CONNOR DRIVE, KINGSTON, ONTARIO K7P 1N3

PHONE: (613) 384-1662

FAX: (613) 384-2997

CERTIFICATE OF COMPLIANCE

CUSTOMER: Dart Aerospace Ltd.		DATE: Mar. 21, 2013	
		P.O.# P019016	
		WEJAY JOB# 36136	
<p>I hereby certify that the following material has been inspected/tested and conforms to the requirements and specifications as stated in your contract and as noted below. Any exceptions will be listed as NCR items.</p>			
PART NO.	QTY.	PROCESS (ES)	SPECIFICATION / REV
D4500-2 'L.H. Bell Door Header'	2	Machined complete per drawing req'ts	D4500 / rev. D
Note: 1) Material supplied by 'Dart Aerospace' 2) Inspection Test Reports attached.			

Records of Inspection/Test will be retained for 5 years minimum.

Yours truly,

Clifford Smith
Authorized Q.A. Signatory



Customer Dart Aerospace Customer P.O. PO19016
 Drawing # D4500 Drawing rev D
 Part Number D4500-2 E.C.O. -
 Part Name Bell Door Header L.H. Material Alum Alloy
 Serial # 001 Inspected by Cliff Smith
 Job # 36136 Signature:



Comment:



Overall Result

All Characteristics: 230
 Out of tolerance: 0
 Over Warning Limit: 0
 Not Calculated: 0

Feature	ID	Actual	Nominal	Pos Tol.	Neg Tol.	Deviation	<-- -->
1 6_C1	Y	7.1996	7.2000	0.0300	-0.0300	-0.0004	-
Inside bott. face_flat	GDT Flat	0.0012	0.0000	0.0100		0.0012	-
2 6_A3	X	4.2469	4.2500	0.0300	-0.0300	-0.0031	-
4 6_B1	Z	1.3523	1.3510	0.0100	-0.0100	0.0013	-
5 6_A3	CartDist	0.8751	0.8800	0.0300	-0.0300	-0.0049	-
6 6_A3_X	Dist	2.1235	2.1200	0.0300	-0.0300	0.0035	-
7 6_A3	A	97.0099	97.0000	0.5000	-0.5000	0.0099	-
8 6_C3	CartDist	1.5656	1.5600	0.0300	-0.0300	0.0056	-
9A 6_C4	R	2.7496	2.7500	0.0300	-0.0300	-0.0004	-
9B 6_C4	Y	4.3108	4.3130	0.0100	-0.0100	-0.0022	-
10a 6_B7	D	0.5008	0.5000	0.0060	-0.0010	0.0008	-
10b 6_B7	D	0.5024	0.5000	0.0060	-0.0010	0.0024	-
11 6_B2	X	1.7761	1.7760	0.0100	-0.0100	0.0001	-
12 6_A2	Z	-0.6826	-0.6830	0.0100	-0.0100	0.0004	-
13 6_B8	Z	0.3737	0.3726	0.0100	-0.0100	0.0010	-
14 6_B5_X	Dist	18.1538	18.1500	0.0100	-0.0100	0.0038	-
15a 6_C4	D	0.0979	0.0980	0.0040	-0.0010	-0.0001	--
16 6_D2	X	2.3404	2.3400	0.0300	-0.0300	0.0004	-
17a 6_C2	Y	3.5723	3.5700	0.0300	-0.0300	0.0023	-
15b 6_C4	D	0.0981	0.0980	0.0040	-0.0010	0.0001	--
17b 6_C2	Y	3.5728	3.5700	0.0300	-0.0300	0.0028	-
18 6_C3_X	Dist	1.0348	1.0340	0.0100	-0.0100	0.0008	-
15c 6_C4	D	0.0981	0.0980	0.0040	-0.0010	0.0001	--
19 6_D2	X	2.8822	2.8800	0.0300	-0.0300	0.0022	-
20a 6_C2_Y	Dist	0.7562	0.7560	0.0100	-0.0100	0.0002	-
15d 6_C4	D	0.0978	0.0980	0.0040	-0.0010	-0.0002	--
20b 6_C2_Y	Dist	0.7560	0.7560	0.0100	-0.0100	0.0000	-
21 6_C3_X	Dist	1.0131	1.0130	0.0100	-0.0100	0.0001	-
15e 6_C4	D	0.0979	0.0980	0.0040	-0.0010	-0.0001	--
22 6_D2	X	3.5760	3.5800	0.0300	-0.0300	-0.0040	-
23a 6_C2_Y	Dist	0.6189	0.6190	0.0100	-0.0100	-0.0001	-
15f 6_C4	D	0.0980	0.0980	0.0040	-0.0010	0.0000	--

Feature		ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
23b	6_C2_Y	Dist	0.6190	0.6190	0.0100	-0.0100	0.0000	-
24	6_D3_X	Dist	0.9933	0.9930	0.0100	-0.0100	0.0003	-
15g	6_C4	D	0.0979	0.0980	0.0040	-0.0010	-0.0001	--
25	6_D3	X	5.7111	5.7100	0.0300	-0.0300	0.0011	-
26	6_C1	Y	5.8472	5.8500	0.0300	-0.0300	-0.0028	-
27	6_D1	A2	2.3601	2.4000	0.5000	-0.5000	-0.0399	-
28	6_D5	X	24.3084	24.3100	0.0300	-0.0300	-0.0016	-
29	7_D4	A	1.0496	1.0000	0.5000	-0.5000	0.0496	-
30	7_D7	A	3.7913	3.7000	0.5000	-0.5000	0.0913	-
31	6_B5_X	Dist	17.6136	17.6100	0.0300	-0.0300	0.0036	-
32a	7_C1(1)	D	0.1292	0.1290	0.0050	-0.0010	0.0002	--
32a	7_C1(2)	D	0.1300	0.1290	0.0050	-0.0010	0.0010	--
32a	7_C1(3)	D	0.1301	0.1290	0.0050	-0.0010	0.0011	--
32a	7_C1(4)	D	0.1306	0.1290	0.0050	-0.0010	0.0016	-
32a	7_C1(5)	D	0.1307	0.1290	0.0050	-0.0010	0.0017	-
32a	7_C1(6)	D	0.1297	0.1290	0.0050	-0.0010	0.0007	--
32a	7_C1(7)	D	0.1294	0.1290	0.0050	-0.0010	0.0004	--
33	7_B1(1)	GDT Po2d	0.0144	0.0000	0.0200		0.0144	--
		X	0.3753	0.3800			-0.0047	
		Y	0.3754	0.3700			0.0054	
33	7_B1(2)	GDT Po2d	0.0142	0.0000	0.0200		0.0142	--
		X	0.3752	0.3800			-0.0048	
		Y	1.3252	1.3200			0.0052	
33	7_B1(3)	GDT Po2d	0.0138	0.0000	0.0200		0.0138	--
		X	0.3754	0.3800			-0.0046	
		Y	2.2752	2.2700			0.0052	
33	7_B1(4)	GDT Po2d	0.0130	0.0000	0.0200		0.0130	--
		X	0.3757	0.3800			-0.0043	
		Y	3.2249	3.2200			0.0049	
33	7_B1(5)	GDT Po2d	0.0126	0.0000	0.0200		0.0126	--
		X	0.3759	0.3800			-0.0041	
		Y	4.1748	4.1700			0.0048	
33	7_B1(6)	GDT Po2d	0.0127	0.0000	0.0200		0.0127	--
		X	0.3760	0.3800			-0.0040	
		Y	5.1250	5.1200			0.0050	
33	7_B1(7)	GDT Po2d	0.0129	0.0000	0.0200		0.0129	--
		X	0.3759	0.3800			-0.0041	
		Y	6.0749	6.0700			0.0049	
32b	7_C1(1)	D	0.1290	0.1290	0.0050	-0.0010	0.0000	--
32b	7_C1(2)	D	0.1294	0.1290	0.0050	-0.0010	0.0004	--
32b	7_C1(3)	D	0.1310	0.1290	0.0050	-0.0010	0.0020	-
32b	7_C1(4)	D	0.1297	0.1290	0.0050	-0.0010	0.0007	-
32b	7_C1(5)	D	0.1325	0.1290	0.0050	-0.0010	0.0035	--
32b	7_C1(6)	D	0.1318	0.1290	0.0050	-0.0010	0.0028	-
32b	7_C1(7)	D	0.1313	0.1290	0.0050	-0.0010	0.0023	-
32b	7_C1(8)	D	0.1318	0.1290	0.0050	-0.0010	0.0028	-
32b	7_C1(9)	D	0.1323	0.1290	0.0050	-0.0010	0.0033	-
32b	7_C1(10)	D	0.1327	0.1290	0.0050	-0.0010	0.0037	--

Feature	ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
34	7_C2(1)	GDT Po2d	0.0078	0.0000	0.0200	0.0078	--
		X	1.0004	1.0000		0.0004	
		Y	-0.3139	-0.3100		-0.0039	
34	7_C2(2)	GDT Po2d	0.0097	0.0000	0.0200	0.0097	--
		X	1.7511	1.7500		0.0011	
		Y	-0.3147	-0.3100		-0.0047	
34	7_C2(3)	GDT Po2d	0.0089	0.0000	0.0200	0.0089	--
		X	2.5010	2.5000		0.0010	
		Y	-0.3143	-0.3100		-0.0043	
34	7_C2(4)	GDT Po2d	0.0100	0.0000	0.0200	0.0100	--
		X	3.2510	3.2500		0.0010	
		Y	-0.3149	-0.3100		-0.0049	
34	7_C2(5)	GDT Po2d	0.0105	0.0000	0.0200	0.0105	--
		X	4.0007	4.0000		0.0007	
		Y	-0.3152	-0.3100		-0.0052	
34	7_C2(6)	GDT Po2d	0.0100	0.0000	0.0200	0.0100	--
		X	4.7507	4.7500		0.0007	
		Y	-0.3149	-0.3100		-0.0049	
34	7_C2(7)	GDT Po2d	0.0095	0.0000	0.0200	0.0095	--
		X	5.5006	5.5000		0.0006	
		Y	-0.3147	-0.3100		-0.0047	
34	7_C2(8)	GDT Po2d	0.0088	0.0000	0.0200	0.0088	--
		X	6.2504	6.2500		0.0004	
		Y	-0.3144	-0.3100		-0.0044	
34	7_C2(9)	GDT Po2d	0.0089	0.0000	0.0200	0.0089	--
		X	7.0004	7.0000		0.0004	
		Y	-0.3144	-0.3100		-0.0044	
34	7_C2(10)	GDT Po2d	0.0079	0.0000	0.0200	0.0079	--
		X	7.7502	7.7500		0.0002	
		Y	-0.3139	-0.3100		-0.0039	
32c	7_C1(1)	D	0.1291	0.1290	0.0050	-0.0010	---
32c	7_C1(2)	D	0.1300	0.1290	0.0050	-0.0010	---
32c	7_C1(3)	D	0.1291	0.1290	0.0050	-0.0010	---
32c	7_C1(4)	D	0.1285	0.1290	0.0050	-0.0010	---
32c	7_C1(5)	D	0.1288	0.1290	0.0050	-0.0010	---
32c	7_C1(6)	D	0.1286	0.1290	0.0050	-0.0010	---
32c	7_C1(7)	D	0.1281	0.1290	0.0050	-0.0010	---
32c	7_C1(8)	D	0.1284	0.1290	0.0050	-0.0010	---
32c	7_C1(9)	D	0.1282	0.1290	0.0050	-0.0010	---
32c	7_C1(10)	D	0.1283	0.1290	0.0050	-0.0010	---
32c	7_C1(11)	D	0.1281	0.1290	0.0050	-0.0010	---
32c	7_C1(12)	D	0.1282	0.1290	0.0050	-0.0010	---
32c	7_C1(13)	D	0.1282	0.1290	0.0050	-0.0010	---
32c	7_C1(14)	D	0.1282	0.1290	0.0050	-0.0010	---
32c	7_C1(15)	D	0.1296	0.1290	0.0050	-0.0010	---
32c	7_C1(16)	D	0.1297	0.1290	0.0050	-0.0010	---
32c	7_C1(17)	D	0.1298	0.1290	0.0050	-0.0010	---
35	7_C4(1)	GDT Po2d	0.0093	0.0000	0.0200	0.0093	--
		X	0.5003	0.4990		0.0013	
		Y	-0.3144	-0.3100		-0.0044	

Feature		ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
35	7_C4(2)	GDT Po2d	0.0091	0.0000	0.0200		0.0091	--
		X	1.2603	1.2590		0.0013		
		Y	-0.3144	-0.3100		-0.0044		
35	7_C4(3)	GDT Po2d	0.0092	0.0000	0.0200		0.0092	--
		X	2.0203	2.0190		0.0013		
		Y	-0.3144	-0.3100		-0.0044		
35	7_C4(4)	GDT Po2d	0.0091	0.0000	0.0200		0.0091	--
		X	2.7802	2.7790		0.0012		
		Y	-0.3144	-0.3100		-0.0044		
35	7_C4(5)	GDT Po2d	0.0092	0.0000	0.0200		0.0092	--
		X	3.5402	3.5390		0.0012		
		Y	-0.3145	-0.3100		-0.0045		
35	7_C4(6)	GDT Po2d	0.0095	0.0000	0.0200		0.0095	--
		X	4.3002	4.2990		0.0012		
		Y	-0.3146	-0.3100		-0.0046		
35	7_C4(7)	GDT Po2d	0.0092	0.0000	0.0200		0.0092	--
		X	5.0601	5.0590		0.0011		
		Y	-0.3145	-0.3100		-0.0045		
35	7_C4(8)	GDT Po2d	0.0092	0.0000	0.0200		0.0092	--
		X	5.8201	5.8190		0.0011		
		Y	-0.3145	-0.3100		-0.0045		
35	7_C4(9)	GDT Po2d	0.0089	0.0000	0.0200		0.0089	--
		X	6.5800	6.5790		0.0010		
		Y	-0.3143	-0.3100		-0.0043		
35	7_C4(10)	GDT Po2d	0.0088	0.0000	0.0200		0.0088	--
		X	7.3399	7.3390		0.0009		
		Y	-0.3143	-0.3100		-0.0043		
35	7_C4(11)	GDT Po2d	0.0088	0.0000	0.0200		0.0088	--
		X	8.0999	8.0990		0.0009		
		Y	-0.3143	-0.3100		-0.0043		
35	7_C4(12)	GDT Po2d	0.0088	0.0000	0.0200		0.0088	--
		X	8.8598	8.8590		0.0008		
		Y	-0.3143	-0.3100		-0.0043		
35	7_C4(13)	GDT Po2d	0.0088	0.0000	0.0200		0.0088	--
		X	9.6198	9.6190		0.0008		
		Y	-0.3143	-0.3100		-0.0043		
35	7_C4(14)	GDT Po2d	0.0085	0.0000	0.0200		0.0085	--
		X	10.3796	10.3790		0.0006		
		Y	-0.3142	-0.3100		-0.0042		
35	7_C4(15)	GDT Po2d	0.0081	0.0000	0.0200		0.0081	--
		X	11.1398	11.1390		0.0008		
		Y	-0.3140	-0.3100		-0.0040		
35	7_C4(16)	GDT Po2d	0.0080	0.0000	0.0200		0.0080	--
		X	11.8996	11.8990		0.0006		
		Y	-0.3140	-0.3100		-0.0040		
35	7_C4(17)	GDT Po2d	0.0076	0.0000	0.0200		0.0076	--
		X	12.6599	12.6590		0.0009		
		Y	-0.3137	-0.3100		-0.0037		
32d	7_C1(1)	D	0.1290	0.1290	0.0050	-0.0010	0.0000	--
32d	7_C1(2)	D	0.1291	0.1290	0.0050	-0.0010	0.0001	--
32d	7_C1(3)	D	0.1291	0.1290	0.0050	-0.0010	0.0001	--
32d	7_C1(4)	D	0.1291	0.1290	0.0050	-0.0010	0.0001	--
32d	7_C1(5)	D	0.1291	0.1290	0.0050	-0.0010	0.0001	--
32d	7_C1(6)	D	0.1291	0.1290	0.0050	-0.0010	0.0001	--

Feature	ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
36	7_B8(1)	GDT Po2d	0.0107	0.0000	0.0200	0.0107	--
		X	-0.3046	-0.3100		0.0054	
		Y	0.3103	0.3100		0.0003	
36	7_B8(2)	GDT Po2d	0.0096	0.0000	0.0200	0.0096	--
		X	-0.3052	-0.3100		0.0048	
		Y	1.0605	1.0600		0.0005	
36	7_B8(3)	GDT Po2d	0.0084	0.0000	0.0200	0.0084	--
		X	-0.3058	-0.3100		0.0042	
		Y	1.8106	1.8100		0.0006	
36	7_B8(4)	GDT Po2d	0.0074	0.0000	0.0200	0.0074	--
		X	-0.3064	-0.3100		0.0036	
		Y	2.5608	2.5600		0.0008	
36	7_B8(5)	GDT Po2d	0.0065	0.0000	0.0200	0.0065	--
		X	-0.3069	-0.3100		0.0031	
		Y	3.3110	3.3100		0.0010	
36	7_B8(6)	GDT Po2d	0.0059	0.0000	0.0200	0.0059	--
		X	-0.3073	-0.3100		0.0027	
		Y	4.0612	4.0600		0.0012	
32e	7_C1	D	0.1287	0.1290	0.0050	-0.0003	---
37	7_B9	GDT Po2d	0.0097	0.0000	0.0200	0.0097	--
		X	-0.3135	-0.3100		-0.0035	
		Y	0.7417	0.7450		-0.0033	
32f	7_C8(1)	D	0.1285	0.1290	0.0050	-0.0005	---
32f	7_C8(2)	D	0.1284	0.1290	0.0050	-0.0006	---
38	7_C7(1)	GDT Po2d	0.0062	0.0000	0.0200	0.0062	--
		X	-0.3131	-0.3100		-0.0031	
		Y	0.6249	0.6250		-0.0001	
38	7_C7(2)	GDT Po2d	0.0045	0.0000	0.0200	0.0045	--
		X	-0.3122	-0.3100		-0.0022	
		Y	1.2496	1.2500		-0.0004	
32g	7_C1	D	0.1283	0.1290	0.0050	-0.0007	---
39	7_B3	GDT Po2d	0.0083	0.0000	0.0200	0.0083	--
		X	-0.3141	-0.3100		-0.0041	
		Y	0.3806	0.3800		0.0006	
32h	7_C1	D	0.1284	0.1290	0.0050	-0.0006	---
40	7_B3	GDT Po2d	0.0042	0.0000	0.0200	0.0042	--
		X	-0.2676	-0.2660		-0.0017	
		Y	2.1013	2.1000		0.0013	
32i	7_C1	D	0.1283	0.1285	0.0050	-0.0002	---
41	7_B3	GDT Po2d	0.0088	0.0000	0.0200	0.0088	--
		X	-0.0273	-0.0250		-0.0023	
		Y	2.8637	2.8600		0.0037	
32j	7_C1	D	0.1287	0.1290	0.0050	-0.0003	---
42	7_B3	GDT Po2d	0.0108	0.0000	0.0200	0.0108	--
		X	1.4541	1.4560		-0.0019	
		Y	4.3451	4.3400		0.0051	
32k	7_C1	D	0.1283	0.1290	0.0050	-0.0007	---
43	7_B3	GDT Po2d	0.0197	0.0000	0.0200	0.0197	--
		X	3.5692	3.5600		0.0092	
		Y	0.3135	0.3100		0.0035	
32L	7_C1(1)	D	0.1283	0.1290	0.0050	-0.0007	---
32L	7_C1(2)	D	0.1283	0.1290	0.0050	-0.0007	---
32L	7_C1(3)	D	0.1281	0.1290	0.0050	-0.0009	---

Feature	ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
32L 7_C1(4)	D	0.1283	0.1290	0.0050	-0.0010	-0.0007	---
32L 7_C1(5)	D	0.1283	0.1290	0.0050	-0.0010	-0.0007	---
32L 7_C1(6)	D	0.1283	0.1290	0.0050	-0.0010	-0.0007	---
32L 7_C1(7)	D	0.1284	0.1290	0.0050	-0.0010	-0.0006	---
44 7_B3,B4(1)	GDT Po2d	0.0130	0.0000	0.0200		0.0130	---
	X	4.0064	4.0000			0.0064	
	Y	0.3114	0.3100			0.0014	
44 7_B3,B4(2)	GDT Po2d	0.0132	0.0000	0.0200		0.0132	---
	X	5.0064	5.0000			0.0064	
	Y	0.3115	0.3100			0.0015	
44 7_B3,B4(3)	GDT Po2d	0.0133	0.0000	0.0200		0.0133	---
	X	6.0065	6.0000			0.0065	
	Y	0.3116	0.3100			0.0016	
44 7_B3,B4(4)	GDT Po2d	0.0138	0.0000	0.0200		0.0138	---
	X	8.0067	8.0000			0.0067	
	Y	0.3116	0.3100			0.0016	
44 7_B3,B4(5)	GDT Po2d	0.0137	0.0000	0.0200		0.0137	---
	X	9.0067	9.0000			0.0067	
	Y	0.3113	0.3100			0.0013	
44 7_B3,B4(6)	GDT Po2d	0.0140	0.0000	0.0200		0.0140	---
	X	10.0068	10.0000			0.0068	
	Y	0.3115	0.3100			0.0015	
44 7_B3,B4(7)	GDT Po2d	0.0140	0.0000	0.0200		0.0140	---
	X	11.0068	11.0000			0.0068	
	Y	0.3115	0.3100			0.0015	
32m 7_C1	D	0.1280	0.1290	0.0050	-0.0010	-0.0010	---
45 7_A4	GDT Po2d	0.0084	0.0000	0.0200		0.0084	---
	X	12.9274	12.9300			-0.0026	
	Y	4.5233	4.5200			0.0033	
32n 7_C1(1)	D	0.1283	0.1290	0.0050	-0.0010	-0.0007	---
32n 7_C1(2)	D	0.1281	0.1290	0.0050	-0.0010	-0.0009	---
32n 7_C1(3)	D	0.1282	0.1290	0.0050	-0.0010	-0.0008	---
32n 7_C1(4)	D	0.1283	0.1290	0.0050	-0.0010	-0.0007	---
32n 7_C1(5)	D	0.1283	0.1290	0.0050	-0.0010	-0.0007	---
46 7_B6(1)	GDT Po2d	0.0026	0.0000	0.0200		0.0026	---
	X	0.8761	0.8750			0.0011	
	Y	0.3108	0.3100			0.0008	
46 7_B6(2)	GDT Po2d	0.0035	0.0000	0.0200		0.0035	---
	X	1.7515	1.7500			0.0015	
	Y	0.3110	0.3100			0.0010	
46 7_B6(3)	GDT Po2d	0.0035	0.0000	0.0200		0.0035	---
	X	2.6264	2.6250			0.0014	
	Y	0.3110	0.3100			0.0010	
46 7_B6(4)	GDT Po2d	0.0033	0.0000	0.0200		0.0033	---
	X	3.5013	3.5000			0.0013	
	Y	0.3110	0.3100			0.0010	
46 7_B6(5)	GDT Po2d	0.0038	0.0000	0.0200		0.0038	---
	X	4.3764	4.3750			0.0014	
	Y	0.3113	0.3100			0.0013	
32o 7_C1	D	0.1283	0.1290	0.0050	-0.0010	-0.0007	---
47 7_B7	GDT Po2d	0.0081	0.0000	0.0200		0.0081	---
	X	0.3140	0.3100			0.0040	
	Y	0.4997	0.5000			-0.0003	

Feature	ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->	
48a	8_A5	D	0.2011	0.2010	0.0050	-0.0010	0.0001	---
49	8_C6	GDT Po2d	0.0083	0.0000	0.0600		0.0083	-
		X	-0.3141	-0.3100			-0.0041	
		Y	1.1304	1.1300			0.0004	
48b	8_A5	D	0.2010	0.2010	0.0050	-0.0010	0.0000	---
50	8_C6	GDT Po2d	0.0084	0.0000	0.0600		0.0084	-
		X	0.6042	0.6060			-0.0018	
		Y	3.7138	3.7100			0.0038	
48c	8_A5	D	0.2012	0.2010	0.0050	-0.0010	0.0002	---
51	8_C7	GDT Po2d	0.0106	0.0000	0.0600		0.0106	-
		X	2.7531	2.7500			0.0031	
		Y	0.3143	0.3100			0.0043	
48d	8_A5	D	0.2012	0.2010	0.0050	-0.0010	0.0002	---
52	8_B6	GDT Po2d	0.0136	0.0000	0.0600		0.0136	-
		X	7.0067	7.0000			0.0067	
		Y	0.3111	0.3100			0.0011	
48e	8_A5	D	0.2012	0.2010	0.0050	-0.0010	0.0002	---
53	8_B5	GDT Po2d	0.0144	0.0000	0.0600		0.0144	-
		X	12.0071	12.0000			0.0071	
		Y	0.3110	0.3100			0.0010	
48f	8_A5	D	0.2011	0.2010	0.0050	-0.0010	0.0001	---
54	8_B4,C2	GDT Po2d	0.0275	0.0000	0.0600		0.0275	-
		X	17.0942	17.0900			0.0042	
		Y	1.3231	1.3100			0.0131	
55a	8_A4(1)	D	0.0980	0.0980	0.0040	-0.0010	0.0000	---
55a	8_A4(2)	D	0.0981	0.0980	0.0040	-0.0010	0.0001	---
56a	8_A4(1)	GDT Po2d	0.0007	0.0000	0.0600		0.0007	-
		X	-0.0003	0.0000			-0.0003	
		Y	-0.3438	-0.3440			0.0002	
56a	8_A4(2)	GDT Po2d	0.0004	0.0000	0.0600		0.0004	-
		X	-0.0002	0.0000			-0.0002	
		Y	0.3440	0.3440			0.0000	
57a	8_A4_R	Dist	0.6873	0.6880	0.0100	-0.0100	-0.0007	-
55b	8_A4(1)	D	0.0981	0.0980	0.0040	-0.0010	0.0001	---
55b	8_A4(2)	D	0.0983	0.0980	0.0040	-0.0010	0.0003	-
56b	8_A4(1)	GDT Po2d	0.0006	0.0000	0.0600		0.0006	-
		X	-0.0002	0.0000			-0.0002	
		Y	-0.3442	-0.3440			-0.0002	
56b	8_A4(2)	GDT Po2d	0.0011	0.0000	0.0600		0.0011	-
		X	-0.0003	0.0000			-0.0003	
		Y	0.3436	0.3440			-0.0004	
57b	8_A4_R	Dist	0.6875	0.6880	0.0100	-0.0100	-0.0005	-
55c	8_A4(1)	D	0.0983	0.0980	0.0040	-0.0010	0.0003	-
55c	8_A4(2)	D	0.0981	0.0980	0.0040	-0.0010	0.0001	---
56c	8_A4(1)	GDT Po2d	0.0011	0.0000	0.0600		0.0011	-
		X	-0.3443	-0.3440			-0.0003	
		Y	0.0004	0.0000			0.0004	
56c	8_A4(2)	GDT Po2d	0.0015	0.0000	0.0600		0.0015	-
		X	0.3435	0.3440			-0.0005	
		Y	0.0005	0.0000			0.0005	
57c	8_A4_R	Dist	0.6878	0.6880	0.0100	-0.0100	-0.0002	-
55d	8_A4(1)	D	0.0982	0.0980	0.0040	-0.0010	0.0002	---



Feature		ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
55d	8_A4(2)	D	0.0981	0.0980	0.0040	-0.0010	0.0001	--
56d	8_A4(1)	GDT Po2d	0.0009	0.0000	0.0600		0.0009	-
		X	-0.3436	-0.3440			0.0004	
		Y	0.0002	0.0000			0.0002	
56d	8_A4(2)	GDT Po2d	0.0008	0.0000	0.0600		0.0008	-
		X	0.3444	0.3440			0.0004	
		Y	0.0002	0.0000			0.0002	
57d	8_A4_R	Dist	0.6878	0.6880	0.0100	-0.0100	-0.0002	-
55e	8_A4(1)	D	0.0983	0.0980	0.0040	-0.0010	0.0003	--
55e	8_A4(2)	D	0.0986	0.0980	0.0040	-0.0010	0.0006	--
56e	8_A4(1)	GDT Po2d	0.0003	0.0000	0.0600		0.0003	-
		X	-0.3439	-0.3440			0.0001	
		Y	-0.0001	0.0000			-0.0001	
56e	8_A4(2)	GDT Po2d	0.0014	0.0000	0.0600		0.0014	-
		X	0.3439	0.3440			-0.0001	
		Y	0.0007	0.0000			0.0007	
57e	8_A4_R	Dist	0.6877	0.6880	0.0100	-0.0100	-0.0003	-
55f	8_A4(1)	D	0.0982	0.0980	0.0040	-0.0010	0.0002	--
55f	8_A4(2)	D	0.0984	0.0980	0.0040	-0.0010	0.0004	--
56f	8_A4(1)	GDT Po2d	0.0008	0.0000	0.0600		0.0008	-
		X	-0.3437	-0.3440			0.0003	
		Y	0.0003	0.0000			0.0003	
56f	8_A4(2)	GDT Po2d	0.0012	0.0000	0.0600		0.0012	-
		X	0.3445	0.3440			0.0005	
		Y	0.0004	0.0000			0.0004	
57f	8_A4_R	Dist	0.6881	0.6880	0.0100	-0.0100	0.0002	-

Manually Inspected Dims

58	6_B3	.125 typ. wall thickness	<u>.124/.127</u>
59	6_A3	.125 typ. flange thk	<u>.121/.129</u>
60	6_B2	R.06	<u>.06 TYP.</u>
61	6_B2	R.16	<u>.16 TYP.</u>
62	6_D2	2.87 dim	<u>2.870</u>
63	6_D2	1.85 dim	<u>1.860</u>
64	6_D2	1.14 dim	<u>1.14</u>
65	6_D2	135 deg angle	<u>135°</u>
66	6_D4	18.62 dim	<u>18.622</u>
67	6_D8	1.43 dim	<u>1.428</u>
68	6_D8	0.83 dim	<u>.83</u>
69	6_D7	143 deg angle	<u>143°</u>
70	6_D7	R0.13 typ	<u>.13 TYP</u>
71	7_C7	CSK .220 dia x 100 deg	<u>.225/.230 x 100°</u>
72	7_A6	0.063 dim typ.	<u>.060/.064</u>
73	7_A5	R0.063 typ.	<u>.063 TYP.</u>
74	8_C5	CSK .170 dia x 100 deg	<u>.175/.180 x 100°</u>
75	8_C5	CSK .120 dia x 100 deg	<u>.125/.130 x 100°</u>



Customer Dart Aerospace Customer P.O. PO19016
 Drawing # D4500 Drawing rev D
 Part Number D4500-2 E.C.O. -
 Part Name Bell Door Header L.H. Material Alum Alloy
 Serial # 002 Inspected by Cliff Smith
 Job # 36136 Signature:



ACCEPTED



Overall Result

All Characteristics: 229
 Out of tolerance: 0
 Over Warning Limit: 0
 Not Calculated: 0

Comment:

Feature	ID	Actual	Nominal	Pos Tol.	Neg Tol.	Deviation	<- ->
1 6_C1	Y	7.1994	7.2000	0.0300	-0.0300	-0.0006	-
Inside bott. face_flat	GDT Flat	0.0026	0.0000	0.0100		0.0026	--
2 6_A3	X	4.2470	4.2500	0.0300	-0.0300	-0.0030	-
4 6_B1	Z	1.3527	1.3510	0.0100	-0.0100	0.0017	-
5 6_A3	CartDist	0.8757	0.8800	0.0300	-0.0300	-0.0043	-
6 6_A3_X	Dist	2.1227	2.1200	0.0300	-0.0300	0.0027	-
7 6_A3	A	97.0175	97.0000	0.5000	-0.5000	0.0175	-
8 6_C3	CartDist	1.5656	1.5600	0.0300	-0.0300	0.0056	-
9A 6_C4	R	2.7500	2.7500	0.0300	-0.0300	0.0000	-
9B 6_C4	Y	4.3098	4.3130	0.0100	-0.0100	-0.0032	-
10a 6_B7	D	0.5002	0.5000	0.0060	-0.0010	0.0002	--
10b 6_B7	D	0.5027	0.5000	0.0060	-0.0010	0.0027	-
11 6_B2	X	1.7759	1.7760	0.0100	-0.0100	-0.0001	-
12 6_A2	Z	-0.6832	-0.6830	0.0100	-0.0100	-0.0002	-
13 6_B8	Z	0.3730	0.3726	0.0100	-0.0100	0.0004	-
14 6_B5_X	Dist	18.1542	18.1500	0.0100	-0.0100	0.0042	--
15a 6_C4	D	0.0980	0.0980	0.0040	-0.0010	0.0000	--
16 6_D2	X	2.3411	2.3400	0.0300	-0.0300	0.0011	-
17a 6_C2	Y	3.5717	3.5700	0.0300	-0.0300	0.0017	-
15b 6_C4	D	0.0980	0.0980	0.0040	-0.0010	0.0000	--
17b 6_C2	Y	3.5715	3.5700	0.0300	-0.0300	0.0015	-
18 6_C3_X	Dist	1.0345	1.0340	0.0100	-0.0100	0.0005	-
15c 6_C4	D	0.0980	0.0980	0.0040	-0.0010	0.0000	--
19 6_D2	X	2.8826	2.8800	0.0300	-0.0300	0.0026	-
20a 6_C2_Y	Dist	0.7566	0.7560	0.0100	-0.0100	0.0006	-
15d 6_C4	D	0.0981	0.0980	0.0040	-0.0010	0.0001	--
20b 6_C2_Y	Dist	0.7561	0.7560	0.0100	-0.0100	0.0001	-
21 6_C3_X	Dist	1.0136	1.0130	0.0100	-0.0100	0.0006	-
15e 6_C4	D	0.0980	0.0980	0.0040	-0.0010	0.0000	--
22 6_D2	X	3.5771	3.5800	0.0300	-0.0300	-0.0029	-
23a 6_C2_Y	Dist	0.6181	0.6190	0.0100	-0.0100	-0.0009	-
15f 6_C4	D	0.0981	0.0980	0.0040	-0.0010	0.0001	--

Feature	ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
23b 6_C2_Y	Dist	0.6185	0.6190	0.0100	-0.0100	-0.0005	-
24 6_D3_X	Dist	0.9928	0.9930	0.0100	-0.0100	-0.0002	-
15g 6_C4	D	0.0980	0.0980	0.0040	-0.0010	0.0000	---
25 6_D3	X	5.7118	5.7100	0.0300	-0.0300	0.0018	-
26 6_C1	Y	5.8463	5.8500	0.0300	-0.0300	-0.0037	-
27 6_D1	A2	2.3688	2.4000	0.5000	-0.5000	-0.0312	-
28 6_D5	X	24.3094	24.3100	0.0300	-0.0300	-0.0006	-
29 7_D4	A	1.0429	1.0000	0.5000	-0.5000	0.0429	-
30 7_D7	A	3.7905	3.7000	0.5000	-0.5000	0.0905	-
31 6_B5_X	Dist	17.6150	17.6100	0.0300	-0.0300	0.0050	-
32a 7_C1(1)	D	0.1292	0.1290	0.0050	-0.0010	0.0002	---
32a 7_C1(2)	D	0.1294	0.1290	0.0050	-0.0010	0.0004	---
32a 7_C1(3)	D	0.1290	0.1290	0.0050	-0.0010	0.0000	---
32a 7_C1(4)	D	0.1304	0.1290	0.0050	-0.0010	0.0014	-
32a 7_C1(5)	D	0.1292	0.1290	0.0050	-0.0010	0.0002	---
32a 7_C1(6)	D	0.1293	0.1290	0.0050	-0.0010	0.0003	---
32a 7_C1(7)	D	0.1304	0.1290	0.0050	-0.0010	0.0014	-
33 7_B1(1)	GDT Po2d	0.0141	0.0000	0.0200		0.0141	---
	X	0.3756	0.3800			-0.0044	
	Y	0.3755	0.3700			0.0055	
33 7_B1(2)	GDT Po2d	0.0134	0.0000	0.0200		0.0134	---
	X	0.3760	0.3800			-0.0040	
	Y	1.3253	1.3200			0.0053	
33 7_B1(3)	GDT Po2d	0.0135	0.0000	0.0200		0.0135	---
	X	0.3754	0.3800			-0.0046	
	Y	2.2749	2.2700			0.0049	
33 7_B1(4)	GDT Po2d	0.0126	0.0000	0.0200		0.0126	---
	X	0.3763	0.3800			-0.0037	
	Y	3.2251	3.2200			0.0051	
33 7_B1(5)	GDT Po2d	0.0130	0.0000	0.0200		0.0130	---
	X	0.3760	0.3800			-0.0040	
	Y	4.1751	4.1700			0.0051	
33 7_B1(6)	GDT Po2d	0.0125	0.0000	0.0200		0.0125	---
	X	0.3762	0.3800			-0.0038	
	Y	5.1250	5.1200			0.0050	
33 7_B1(7)	GDT Po2d	0.0130	0.0000	0.0200		0.0130	---
	X	0.3758	0.3800			-0.0042	
	Y	6.0749	6.0700			0.0049	
32b 7_C1(1)	D	0.1303	0.1290	0.0050	-0.0010	0.0013	-
32b 7_C1(2)	D	0.1307	0.1290	0.0050	-0.0010	0.0017	-
32b 7_C1(3)	D	0.1307	0.1290	0.0050	-0.0010	0.0017	-
32b 7_C1(4)	D	0.1291	0.1290	0.0050	-0.0010	0.0001	---
32b 7_C1(5)	D	0.1292	0.1290	0.0050	-0.0010	0.0002	---
32b 7_C1(6)	D	0.1304	0.1290	0.0050	-0.0010	0.0014	-
32b 7_C1(7)	D	0.1292	0.1290	0.0050	-0.0010	0.0002	---
32b 7_C1(8)	D	0.1295	0.1290	0.0050	-0.0010	0.0005	---
32b 7_C1(9)	D	0.1298	0.1290	0.0050	-0.0010	0.0008	-
32b 7_C1(10)	D	0.1290	0.1290	0.0050	-0.0010	0.0000	---

Feature	ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
34	7_C2(1)	GDT Po2d	0.0082	0.0000	0.0200	0.0082	--
		X	1.0004	1.0000		0.0004	
		Y	-0.3141	-0.3100		-0.0041	
34	7_C2(2)	GDT Po2d	0.0094	0.0000	0.0200	0.0094	--
		X	1.7510	1.7500		0.0010	
		Y	-0.3146	-0.3100		-0.0046	
34	7_C2(3)	GDT Po2d	0.0106	0.0000	0.0200	0.0106	--
		X	2.5013	2.5000		0.0013	
		Y	-0.3151	-0.3100		-0.0051	
34	7_C2(4)	GDT Po2d	0.0100	0.0000	0.0200	0.0100	--
		X	3.2508	3.2500		0.0008	
		Y	-0.3149	-0.3100		-0.0049	
34	7_C2(5)	GDT Po2d	0.0093	0.0000	0.0200	0.0093	--
		X	4.0007	4.0000		0.0007	
		Y	-0.3146	-0.3100		-0.0046	
34	7_C2(6)	GDT Po2d	0.0114	0.0000	0.0200	0.0114	--
		X	4.7509	4.7500		0.0009	
		Y	-0.3156	-0.3100		-0.0056	
34	7_C2(7)	GDT Po2d	0.0094	0.0000	0.0200	0.0094	--
		X	5.5008	5.5000		0.0008	
		Y	-0.3146	-0.3100		-0.0046	
34	7_C2(8)	GDT Po2d	0.0099	0.0000	0.0200	0.0099	--
		X	6.2509	6.2500		0.0009	
		Y	-0.3149	-0.3100		-0.0049	
34	7_C2(9)	GDT Po2d	0.0097	0.0000	0.0200	0.0097	--
		X	7.0011	7.0000		0.0011	
		Y	-0.3147	-0.3100		-0.0047	
34	7_C2(10)	GDT Po2d	0.0087	0.0000	0.0200	0.0087	--
		X	7.7508	7.7500		0.0008	
		Y	-0.3143	-0.3100		-0.0043	
32c	7_C1(1)	D	0.1288	0.1290	0.0050	-0.0010	---
32c	7_C1(2)	D	0.1292	0.1290	0.0050	-0.0010	---
32c	7_C1(3)	D	0.1284	0.1290	0.0050	-0.0010	---
32c	7_C1(4)	D	0.1292	0.1290	0.0050	-0.0010	---
32c	7_C1(5)	D	0.1292	0.1290	0.0050	-0.0010	---
32c	7_C1(6)	D	0.1288	0.1290	0.0050	-0.0010	---
32c	7_C1(7)	D	0.1296	0.1290	0.0050	-0.0010	---
32c	7_C1(8)	D	0.1289	0.1290	0.0050	-0.0010	---
32c	7_C1(9)	D	0.1283	0.1290	0.0050	-0.0010	---
32c	7_C1(10)	D	0.1300	0.1290	0.0050	-0.0010	---
32c	7_C1(11)	D	0.1291	0.1290	0.0050	-0.0010	---
32c	7_C1(12)	D	0.1286	0.1290	0.0050	-0.0010	---
32c	7_C1(13)	D	0.1290	0.1290	0.0050	-0.0010	---
32c	7_C1(14)	D	0.1291	0.1290	0.0050	-0.0010	---
32c	7_C1(15)	D	0.1312	0.1290	0.0050	-0.0010	---
32c	7_C1(16)	D	0.1308	0.1290	0.0050	-0.0010	---
32c	7_C1(17)	D	0.1313	0.1290	0.0050	-0.0010	---
35	7_C4(1)	GDT Po2d	0.0095	0.0000	0.0200	0.0095	--
		X	0.4997	0.4990		0.0007	
		Y	-0.3147	-0.3100		-0.0047	

Feature		ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
35	7_C4(2)	GDT Po2d	0.0101	0.0000	0.0200		0.0101	--
		X	1.2604	1.2590		0.0014		
		Y	-0.3149	-0.3100		-0.0049		
35	7_C4(3)	GDT Po2d	0.0091	0.0000	0.0200		0.0091	-
		X	2.0198	2.0190		0.0008		
		Y	-0.3145	-0.3100		-0.0045		
35	7_C4(4)	GDT Po2d	0.0104	0.0000	0.0200		0.0104	--
		X	2.7800	2.7790		0.0010		
		Y	-0.3151	-0.3100		-0.0051		
35	7_C4(5)	GDT Po2d	0.0103	0.0000	0.0200		0.0103	-
		X	3.5397	3.5390		0.0007		
		Y	-0.3151	-0.3100		-0.0051		
35	7_C4(6)	GDT Po2d	0.0096	0.0000	0.0200		0.0096	-
		X	4.2999	4.2990		0.0009		
		Y	-0.3147	-0.3100		-0.0047		
35	7_C4(7)	GDT Po2d	0.0106	0.0000	0.0200		0.0106	--
		X	5.0601	5.0590		0.0011		
		Y	-0.3152	-0.3100		-0.0052		
35	7_C4(8)	GDT Po2d	0.0098	0.0000	0.0200		0.0098	-
		X	5.8198	5.8190		0.0008		
		Y	-0.3148	-0.3100		-0.0048		
35	7_C4(9)	GDT Po2d	0.0089	0.0000	0.0200		0.0089	-
		X	6.5794	6.5790		0.0004		
		Y	-0.3144	-0.3100		-0.0044		
35	7_C4(10)	GDT Po2d	0.0113	0.0000	0.0200		0.0113	-
		X	7.3397	7.3390		0.0007		
		Y	-0.3156	-0.3100		-0.0056		
35	7_C4(11)	GDT Po2d	0.0096	0.0000	0.0200		0.0096	-
		X	8.0998	8.0990		0.0008		
		Y	-0.3147	-0.3100		-0.0047		
35	7_C4(12)	GDT Po2d	0.0090	0.0000	0.0200		0.0090	-
		X	8.8595	8.8590		0.0005		
		Y	-0.3145	-0.3100		-0.0045		
35	7_C4(13)	GDT Po2d	0.0093	0.0000	0.0200		0.0093	-
		X	9.6193	9.6190		0.0003		
		Y	-0.3146	-0.3100		-0.0046		
35	7_C4(14)	GDT Po2d	0.0090	0.0000	0.0200		0.0090	-
		X	10.3796	10.3790		0.0006		
		Y	-0.3145	-0.3100		-0.0045		
35	7_C4(15)	GDT Po2d	0.0075	0.0000	0.0200		0.0075	-
		X	11.1392	11.1390		0.0002		
		Y	-0.3137	-0.3100		-0.0037		
35	7_C4(16)	GDT Po2d	0.0077	0.0000	0.0200		0.0077	-
		X	11.8993	11.8990		0.0003		
		Y	-0.3139	-0.3100		-0.0039		
35	7_C4(17)	GDT Po2d	0.0068	0.0000	0.0200		0.0068	-
		X	12.6591	12.6590		0.0001		
		Y	-0.3134	-0.3100		-0.0034		
32d	7_C1(1)	D	0.1297	0.1290	0.0050	-0.0010	0.0007	-
32d	7_C1(2)	D	0.1304	0.1290	0.0050	-0.0010	0.0014	-
32d	7_C1(3)	D	0.1316	0.1290	0.0050	-0.0010	0.0026	-
32d	7_C1(4)	D	0.1303	0.1290	0.0050	-0.0010	0.0013	-
32d	7_C1(5)	D	0.1305	0.1290	0.0050	-0.0010	0.0015	-
32d	7_C1(6)	D	0.1303	0.1290	0.0050	-0.0010	0.0013	-

Feature	ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
36	7_B8(1)	GDT Po2d	0.0102	0.0000	0.0200	0.0102	--
		X	-0.3049	-0.3100		0.0051	
		Y	0.3098	0.3100		-0.0002	
36	7_B8(2)	GDT Po2d	0.0092	0.0000	0.0200	0.0092	--
		X	-0.3054	-0.3100		0.0046	
		Y	1.0596	1.0600		-0.0004	
36	7_B8(3)	GDT Po2d	0.0047	0.0000	0.0200	0.0047	--
		X	-0.3077	-0.3100		0.0023	
		Y	1.8095	1.8100		-0.0005	
36	7_B8(4)	GDT Po2d	0.0056	0.0000	0.0200	0.0056	--
		X	-0.3072	-0.3100		0.0028	
		Y	2.5597	2.5600		-0.0003	
36	7_B8(5)	GDT Po2d	0.0043	0.0000	0.0200	0.0043	--
		X	-0.3078	-0.3100		0.0022	
		Y	3.3103	3.3100		0.0003	
36	7_B8(6)	GDT Po2d	0.0055	0.0000	0.0200	0.0055	--
		X	-0.3074	-0.3100		0.0026	
		Y	4.0608	4.0600		0.0008	
32e	7_C1	D	0.1292	0.1290	0.0050	-0.0010	---
37	7_B9	GDT Po2d	0.0105	0.0000	0.0200	0.0105	--
		X	-0.3143	-0.3100		-0.0043	
		Y	0.7420	0.7450		-0.0030	
32f	7_C8(1)	D	0.1300	0.1290	0.0050	-0.0010	---
32f	7_C8(2)	D	0.1300	0.1290	0.0050	-0.0010	---
38	7_C7(1)	GDT Po2d	0.0074	0.0000	0.0200	0.0074	--
		X	-0.3137	-0.3100		-0.0037	
		Y	0.6254	0.6250		0.0004	
38	7_C7(2)	GDT Po2d	0.0057	0.0000	0.0200	0.0057	--
		X	-0.3128	-0.3100		-0.0028	
		Y	1.2502	1.2500		0.0002	
32g	7_C1	D	0.1287	0.1290	0.0050	-0.0010	---
39	7_B3	GDT Po2d	0.0093	0.0000	0.0200	0.0093	--
		X	-0.3146	-0.3100		-0.0046	
		Y	0.3807	0.3800		0.0007	
32h	7_C1	D	0.1288	0.1290	0.0050	-0.0010	---
40	7_B3	GDT Po2d	0.0049	0.0000	0.0200	0.0049	--
		X	-0.2680	-0.2660		-0.0021	
		Y	2.1014	2.1000		0.0014	
32i	7_C1	D	0.1289	0.1285	0.0050	-0.0010	---
41	7_B3	GDT Po2d	0.0095	0.0000	0.0200	0.0095	--
		X	-0.0275	-0.0250		-0.0025	
		Y	2.8641	2.8600		0.0041	
32j	7_C1	D	0.1289	0.1290	0.0050	-0.0010	---
42	7_B3	GDT Po2d	0.0108	0.0000	0.0200	0.0108	--
		X	1.4539	1.4560		-0.0021	
		Y	4.3450	4.3400		0.0050	
32k	7_C1	D	0.1285	0.1290	0.0050	-0.0010	---
43	7_B3	GDT Po2d	0.0088	0.0000	0.0200	0.0088	--
		X	3.5693	3.5690		0.0003	
		Y	0.3144	0.3100		0.0044	
32L	7_C1(1)	D	0.1290	0.1290	0.0050	-0.0010	---
32L	7_C1(2)	D	0.1291	0.1290	0.0050	-0.0010	---
32L	7_C1(3)	D	0.1290	0.1290	0.0050	-0.0010	---

Feature		ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
32L	7_C1(4)	D	0.1293	0.1290	0.0050	-0.0010	0.0003	---
32L	7_C1(5)	D	0.1286	0.1290	0.0050	-0.0010	-0.0004	----
32L	7_C1(6)	D	0.1291	0.1290	0.0050	-0.0010	0.0001	---
32L	7_C1(7)	D	0.1286	0.1290	0.0050	-0.0010	-0.0004	----
44	7_B3,B4(1)	GDT Po2d	0.0132	0.0000	0.0200		0.0132	---
		X	4.0062	4.0000		0.0062		
		Y	0.3122	0.3100		0.0022		
44	7_B3,B4(2)	GDT Po2d	0.0142	0.0000	0.0200		0.0142	---
		X	5.0066	5.0000		0.0066		
		Y	0.3124	0.3100		0.0024		
44	7_B3,B4(3)	GDT Po2d	0.0139	0.0000	0.0200		0.0139	---
		X	6.0066	6.0000		0.0066		
		Y	0.3120	0.3100		0.0020		
44	7_B3,B4(4)	GDT Po2d	0.0136	0.0000	0.0200		0.0136	---
		X	8.0064	8.0000		0.0064		
		Y	0.3121	0.3100		0.0021		
44	7_B3,B4(5)	GDT Po2d	0.0142	0.0000	0.0200		0.0142	---
		X	9.0067	9.0000		0.0067		
		Y	0.3122	0.3100		0.0022		
44	7_B3,B4(6)	GDT Po2d	0.0138	0.0000	0.0200		0.0138	---
		X	10.0064	10.0000		0.0064		
		Y	0.3125	0.3100		0.0025		
44	7_B3,B4(7)	GDT Po2d	0.0148	0.0000	0.0200		0.0148	---
		X	11.0070	11.0000		0.0070		
		Y	0.3123	0.3100		0.0023		
32m	7_C1	D	0.1281	0.1290	0.0050	-0.0010	-0.0009	----
45	7_A4	GDT Po2d	0.0093	0.0000	0.0200		0.0093	---
		X	12.9275	12.9300		-0.0025		
		Y	4.5239	4.5200		0.0039		
32n	7_C1(1)	D	0.1293	0.1290	0.0050	-0.0010	0.0003	---
32n	7_C1(2)	D	0.1288	0.1290	0.0050	-0.0010	-0.0002	----
32n	7_C1(3)	D	0.1284	0.1290	0.0050	-0.0010	-0.0006	----
32n	7_C1(4)	D	0.1288	0.1290	0.0050	-0.0010	-0.0002	---
32n	7_C1(5)	D	0.1287	0.1290	0.0050	-0.0010	-0.0003	----
46	7_B6(1)	GDT Po2d	0.0026	0.0000	0.0200		0.0026	---
		X	0.8760	0.8750		0.0010		
		Y	0.3109	0.3100		0.0009		
46	7_B6(2)	GDT Po2d	0.0023	0.0000	0.0200		0.0023	---
		X	1.7511	1.7500		0.0011		
		Y	0.3104	0.3100		0.0004		
46	7_B6(3)	GDT Po2d	0.0029	0.0000	0.0200		0.0029	---
		X	2.6264	2.6250		0.0014		
		Y	0.3105	0.3100		0.0005		
46	7_B6(4)	GDT Po2d	0.0031	0.0000	0.0200		0.0031	---
		X	3.5012	3.5000		0.0012		
		Y	0.3110	0.3100		0.0010		
46	7_B6(5)	GDT Po2d	0.0034	0.0000	0.0200		0.0034	---
		X	4.3763	4.3750		0.0013		
		Y	0.3111	0.3100		0.0011		
32o	7_C1	D	0.1286	0.1290	0.0050	-0.0010	-0.0004	---
47	7_B7	GDT Po2d	0.0069	0.0000	0.0200		0.0069	---
		X	0.3134	0.3100		0.0034		
		Y	0.5000	0.5000		0.0000		

Feature		ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
48a	8_A5	D	0.2012	0.2010	0.0050	-0.0010	0.0002	---
49	8_C6	GDT Po2d	0.0086	0.0000	0.0600		0.0086	-
		X	-0.3143	-0.3100			-0.0043	
		Y	1.1307	1.1300			0.0007	
48b	8_A5	D	0.2011	0.2010	0.0050	-0.0010	0.0001	---
50	8_C6	GDT Po2d	0.0083	0.0000	0.0600		0.0083	-
		X	0.6043	0.6060			-0.0017	
		Y	3.7138	3.7100			0.0038	
48c	8_A5	D	0.2012	0.2010	0.0050	-0.0010	0.0002	---
51	8_C7	GDT Po2d	0.0117	0.0000	0.0600		0.0117	-
		X	2.7533	2.7500			0.0033	
		Y	0.3149	0.3100			0.0049	
48d	8_A5	D	0.2013	0.2010	0.0050	-0.0010	0.0003	---
52	8_B6	GDT Po2d	0.0144	0.0000	0.0600		0.0144	-
		X	7.0070	7.0000			0.0070	
		Y	0.3115	0.3100			0.0015	
48e	8_A5	D	0.2012	0.2010	0.0050	-0.0010	0.0002	---
53	8_B5	GDT Po2d	0.0147	0.0000	0.0600		0.0147	-
		X	12.0071	12.0000			0.0071	
		Y	0.3119	0.3100			0.0019	
48f	8_A5	D	0.2012	0.2010	0.0050	-0.0010	0.0002	---
54	8_B4,C2	GDT Po2d	0.0361	0.0000	0.0600		0.0361	-
		X	17.0946	17.0900			0.0046	
		Y	1.3274	1.3100			0.0174	
55a	8_A4(1)	D	0.0985	0.0980	0.0040	-0.0010	0.0005	--
55a	8_A4(2)	D	0.0984	0.0980	0.0040	-0.0010	0.0004	--
56a	8_A4(1)	GDT Po2d	0.0007	0.0000	0.0600		0.0007	-
		X	-0.0003	0.0000			-0.0003	
		Y	-0.3439	-0.3440			0.0001	
56a	8_A4(2)	GDT Po2d	0.0005	0.0000	0.0600		0.0005	-
		X	-0.0002	0.0000			-0.0002	
		Y	0.3441	0.3440			0.0001	
57a	8_A4_R	Dist	0.6874	0.6880	0.0100	-0.0100	-0.0006	-
55b	8_A4(1)	D	0.0984	0.0980	0.0040	-0.0010	0.0004	--
55b	8_A4(2)	D	0.0986	0.0980	0.0040	-0.0010	0.0006	-
56b	8_A4(1)	GDT Po2d	0.0006	0.0000	0.0600		0.0006	-
		X	-0.0002	0.0000			-0.0002	
		Y	-0.3438	-0.3440			0.0002	
56b	8_A4(2)	GDT Po2d	0.0010	0.0000	0.0600		0.0010	-
		X	-0.0005	0.0000			-0.0005	
		Y	0.3439	0.3440			-0.0001	
57b	8_A4_R	Dist	0.6875	0.6880	0.0100	-0.0100	-0.0005	-
55c	8_A4(1)	D	0.0986	0.0980	0.0040	-0.0010	0.0006	--
55c	8_A4(2)	D	0.0984	0.0980	0.0040	-0.0010	0.0004	--
56c	8_A4(1)	GDT Po2d	0.0018	0.0000	0.0600		0.0018	-
		X	-0.3436	-0.3440			0.0004	
		Y	0.0008	0.0000			0.0008	
56c	8_A4(2)	GDT Po2d	0.0008	0.0000	0.0600		0.0008	-
		X	0.3441	0.3440			0.0001	
		Y	0.0004	0.0000			0.0004	
57c	8_A4_R	Dist	0.6877	0.6880	0.0100	-0.0100	-0.0003	-
55d	8_A4(1)	D	0.0991	0.0980	0.0040	-0.0010	0.0011	-



Feature		ID	Actual	Nominal	pos Tol	neg Tol	Diff	<-- -->
55d	8_A4(2)	D	0.0986	0.0980	0.0040	-0.0010	0.0006	--
56d	8_A4(1)	GDT Po2d	0.0010	0.0000	0.0600		0.0010	-
		X	-0.3436	-0.3440			0.0004	
		Y	0.0003	0.0000			0.0003	
56d	8_A4(2)	GDT Po2d	0.0012	0.0000	0.0600		0.0012	-
		X	0.3445	0.3440			0.0005	
		Y	0.0003	0.0000			0.0003	
57d	8_A4_R	Dist	0.6880	0.6880	0.0100	-0.0100	0.0000	
55e	8_A4(1)	D	0.0987	0.0980	0.0040	-0.0010	0.0007	--
55e	8_A4(2)	D	0.0986	0.0980	0.0040	-0.0010	0.0006	--
56e	8_A4(1)	GDT Po2d	0.0015	0.0000	0.0600		0.0015	-
		X	-0.3434	-0.3440			0.0006	
		Y	-0.0004	0.0000			-0.0004	
56e	8_A4(2)	GDT Po2d	0.0022	0.0000	0.0600		0.0022	-
		X	0.3443	0.3440			0.0003	
		Y	0.0011	0.0000			0.0011	
57e	8_A4_R	Dist	0.6875	0.6880	0.0100	-0.0100	-0.0005	-
55f	8_A4(1)	D	0.0984	0.0980	0.0040	-0.0010	0.0004	--
55f	8_A4(2)	D	0.0982	0.0980	0.0040	-0.0010	0.0002	--
56f	8_A4(1)	GDT Po2d	0.0006	0.0000	0.0600		0.0006	-
		X	-0.3437	-0.3440			0.0003	
		Y	0.0000	0.0000			0.0000	
56f	8_A4(2)	GDT Po2d	0.0007	0.0000	0.0600		0.0007	-
		X	0.3443	0.3440			0.0003	
		Y	0.0000	0.0000			0.0000	
57f	8_A4_R	Dist	0.6880	0.6880	0.0100	-0.0100	0.0000	-

Manually Inspected Dims

58	6_B3	.125 typ. wall thickness	<u>.124/.1265</u>
59	6_A3	.125 typ. flange thk	<u>.122/.133</u>
60	6_B2	R.06	<u>.06 typ.</u>
61	6_B2	R.16	<u>.16 typ.</u>
62	6_D2	2.87 dim	<u>2.869</u>
63	6_D2	1.85 dim	<u>1.855</u>
64	6_D2	1.14 dim	<u>1.14</u>
65	6_D2	135 deg angle	<u>135°</u>
66	6_D4	18.62 dim	<u>18.625</u>
67	6_D8	1.43 dim	<u>1.442</u>
68	6_D8	0.83 dim	<u>.83</u>
69	6_D7	143 deg angle	<u>143°</u>
70	6_D7	R0.13 typ	<u>.13 typ.</u>
71	7_C7	CSK .220 dia x 100 deg	<u>.225/.230 x 100°</u>
72	7_A6	0.063 dim typ.	<u>.061/.063</u>
73	7_A5	R0.063 typ.	<u>.063 typ.</u>
74	8_C5	CSK .170 dia x 100 deg	<u>.175/.180 x 100°</u>
75	8_C5	CSK .120 dia x 100 deg	<u>.125/.130 x 100°</u>